DOCKET NO.: **SI-0004
Application No.: 10/053,402
Office Action Dated: July 31, 2008

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PROCEDURE PURSUANT TO
37 CFR § 1.116

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1. (Currently amended) A computer implemented method ~~for use by a local agent module associated with a local computer to enable remote access to at least one file residing on the local computer~~, comprising:

      polling a server for a task request, the task request generated by a remote client computer, the task request requesting a file <u>residing on a</u> ~~from the~~ local computer;

      receiving the task request from the server, the task request identifying ~~a~~ <u>the</u> file from the local computer associated with ~~the~~ <u>a</u> local agent;

      responsive to the task request, causing the file to be uploaded to the server from the local computer;

      waiting for a schedule timer to expire; and

      repeating at least the above act of polling a server for a task request~~;~~

      ~~wherein the act of polling is performed by the local agent, the local agent comprising a simple object access protocol (SOAP) interpreter to communicate with a task processor that communicates with the schedule timer and a local computer file system.~~

2. (Original) The method of claim 1, further comprising:

      setting up local agent preferences;

      setting up remote client preferences;

      initiating the act of polling, based on the local agent preferences; and

      initiating an act of uploading, based on the remote client preferences.

3. (Original) The method of claim 1, wherein the act of polling occurs over a transmission control protocol/internet protocol stack, through functions specified in a simple object access protocol interpreter.

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4. (Previously presented)  The method of claim 1, wherein the act of causing the file to be uploaded includes:

     initiating a request to the local computer file system for the file; and

     receiving the file from the local computer file system.

5. (Previously presented)  The method of claim 1, wherein the act of causing the file to be uploaded includes:

     initiating a request to the local computer file system for the file;

     instructing the local computer file system to upload the file to the server; and

     receiving an indication that the file was uploaded to the server.

6. (Original)  The method of claim 1, wherein the act of causing the file to be uploaded includes:

     initiating a request to a message access protocol interface for the file from a message access protocol interface database; and

     receiving the file from the message access protocol database.

7. (Previously presented)  The method of claim 6, wherein the causing the file to be uploaded includes instructing the file to be sent to the server from the message access protocol database.

8. (Currently amended)  A computer readable storage medium including sequences of instructions for causing one or more processors to perform acts for remote file access for a local agent module, the acts comprising:

     polling a server to receive a task request, the task request generated by a remote client computer, the task request requesting a file from a local computer;

     receiving the task request from the server, the task request identifying a file from at least one local computer associated with the local agent;

     responsive to the task request, causing the file to be uploaded to the server from the local computer;

     waiting for a schedule timer to expire; and

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repeating at least the above act of polling;

~~wherein the act of polling is performed by the local agent, the local agent comprising a~~
~~simple object access protocol (SOAP) interpreter to communicate with a task processor that~~
~~communicates with the schedule timer and a local computer file system.~~

9. (Previously presented)  The computer readable storage medium of claim 8, further comprising
instructions for performing the acts of:

    setting up local agent preferences;

    setting up remote client preferences;

    initiating the act of polling, based on the local agent preferences; and

    initiating an act of uploading, based on the remote client preferences.

10. (Previously presented)  The computer readable storage medium of claim 8, wherein the act
of polling occurs over a transmission control protocol/internet protocol stack, through functions
specified in the simple object access protocol interpreter.

11. (Previously presented)  The computer readable storage medium of claim 8, wherein the act
of causing the file to be uploaded includes:

    initiating a request to the local computer file system for the file; and

    receiving the file from the local computer file system.

12. (Previously presented)  The computer readable storage medium of claim 8, wherein the act
of causing the file to be uploaded includes:

    initiating a request to the local computer file system for the file;

    instructing the local computer file system to upload the file to the server; and

    receiving an indication that the file was uploaded to the server.

13. (Previously presented)  The computer readable storage medium of claim 8, wherein the act
of causing the file to be uploaded includes:

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initiating a request to a message access protocol interface for the file from a message access protocol interface database; and

receiving the file from the message access protocol database.

14. (Previously presented) The computer readable storage medium of claim 13, wherein the act of causing the file to be uploaded includes instructing the file to be sent to the server from the message access protocol database.

15. (Currently amended) A local agent comprising:

a task processor for polling a server for a task request, the task request identifying a file in a local computer associated with the local agent, the task request generated by a remote client computer, the task request requesting a file from the local computer;

a schedule timer communicatively coupled to the task processor for controlling a task processor polling interval; and

one or more protocol stacks for communicating over a network with the server~~;~~

~~wherein the act of polling is performed by the local agent, the local agent comprising a simple object access protocol (SOAP) interpreter to communicate with a task processor that communicates with the schedule timer and a local computer file system.~~

16. (Original) The local agent of claim 15, wherein the one or more protocol stacks includes a transmission control protocol/internet protocol stack.

17-18. (Cancelled)

19. (Original) The local agent of claim 15, further configured to initiate a request to a message application programming interface database.

20. (Original) The local agent of claim 15, further configured to receive a file from a message application programming interface database.

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21-24. (Canceled)

25. (Withdrawn) A method performed by a server to provide remote access to files requested by a client device, the method comprising:

    receiving a client-initiated request for a file, the request received by a server;

    entering the request in a queue of the server;

    receiving, from an agent device, a polling message requesting information from the server queue;

    sending the client-initiated request for a file from the queue of the server to the agent device, wherein the agent accesses the requested file;

    receiving the requested file sent by the agent device to the server;

    sending, by the server, notification to the client device that the received file is available;

    receiving, by the server, instructions from the client device directing the transfer of the received file to a destination device; and

    transferring, from the server to the destination device, the received file, wherein the agent device, the client device, the destination device, and the server are located remotely on a network.

26. (Withdrawn) The method of claim 25, wherein the method step of receiving, from an agent device, a polling message requesting information from the server queue further comprises receiving, at the server, a polling message from an agent device and checking the queue for a new request from one of a portable digital assistant, a two-way pager, and a laptop computer.

27. (Withdrawn) The method of claim 25, wherein the method step of transferring, from the server to the designation device, the received file comprises transferring the received file from the server to one of a client device, a speech module connected to the client device, and a telephone located in other than a client device location.

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28.    (Withdrawn)   A computer-readable storage medium containing instructions which, when executed by a computer, perform a server method of providing access to a file, the method comprising:

receiving a client-initiated request for a file, the request received by a server;

entering the request in a queue of the server;

receiving, from an agent device, a polling message requesting information from the server queue;

sending the client-initiated request for a file from the queue of the server to the agent device, wherein the agent accesses the requested file;

receiving the requested file sent by the agent device to the server;

sending, by the server, notification to the client device that the received file is available;

receiving, by the server, instructions from the client device directing the transfer of the received file to a destination device; and

transferring, from the server to the destination device, the received file, wherein the agent device, the client device, the destination device, and the server are located remotely on a network.


29.    (Withdrawn)   The computer-readable storage medium of claim 28, wherein the step of receiving, from an agent device, a polling message requesting information from the server queue further comprises receiving, at the server, a polling message from an agent device and checking the queue for a new request from the client device.


30.    (Withdrawn)   The computer-readable storage medium of claim 28, wherein the step of transferring, from the server to the designation device, the received file comprises transferring the received file from the server to one of a client device, a speech module connected to the client device, and a telephone located in other than a client device location.

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31.     (Previously Presented)  The method of claim 1, wherein the timer resides in and is controlled by the local agent module.

32.     (Previously presented)  The computer-readable storage medium of claim 8, wherein the schedule timer resides in and is controlled by the local agent.

33.     (Previously Presented)  The local agent of claim 15, wherein the schedule timer resides in and is controlled by the local agent.

34.     (New)  The local agent of claim 15, wherein the one or more protocol stacks includes a simple object access protocol interpreter.

35.     (New)  The local agent of claim 15, further comprising a subsystem for executing a task from the task request.